

ASUS TUF Gaming A15 FA506NCR-HN010W AMD Ryzen™ 7 7435HS Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0JF7-M000K0

Product name : FA506NCR-HN010W



- Windows 11 Home 64-bit
- AMD Ryzen 7 7435HS (16MB Cache, 3.1GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 512GB SSD
AMD Ryzen 7 7435HS (16MB Cache, 3.1GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A15 FA506NCR-HN010W AMD Ryzen™ 7 7435HS Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black:

Mechanized endurance. Battlefield brilliance.

Jump right into the action with the TUF Gaming A15. Running Windows 11 out of the box with AMD Ryzen™ 7 7435HS processor and up to 16GB of blisteringly fast 5600MHz DDR5 RAM, your streaming and multitasking are handled with ease. Leverage the full gaming performance of up to an NVIDIA® GeForce RTX™ 3050 Laptop GPU with a dedicated MUX Switch. When your game library gets full, an empty M.2 NVMe SSD slot makes upgrading storage capacity a breeze.



Design		Camera	
Colour name	Graphite Black	Front camera resolution	1280 x 720 pixels
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Mobile network connection *	✗
Introduction year	2024	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	39.6 cm (15.6")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	Full HD	Ports & interfaces	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	250 cd/m ²	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	144 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	Power adapter barrel connector	6.0 mm
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	Touchpad
Processor model *	7435HS	Keyboard layout	QWERTY
Processor cores	8	Keyboard language	Dutch
Processor boost frequency	4.5 GHz	Numeric keypad *	✓
Processor frequency *	3.1 GHz	Keyboard backlit	✓
Processor cache	16 MB	Keyboard backlit colour	RGB
Processor cache type	L3	Keyboard backlit zone	1-zone RGB
Memory			
Internal memory *	16 GB		

Memory		Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Trial software	1-month trial for new Microsoft 365 customers
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	512 GB	Battery capacity *	48 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	512 GB	Fast charging time (50%)	30 min
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	180 W
Discrete graphics card model *	NVIDIA GeForce RTX 3050	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	4 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR6	AC adapter output current	9 A
On-board graphics card *	✗	AC adapter output voltage	20 V
Discrete graphics card *	✓		
On-board graphics card model *	Not available		
Audio		Security	
Number of built-in speakers	2	Cable lock slot	✓
Built-in microphone	✓	Cable lock slot type	Kensington
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
Camera		Weight & dimensions	
Front camera	✓	Width	359 mm
		Depth	256 mm
		Height (front)	2.28 cm
		Height (rear)	2.45 cm
		Weight *	2.3 kg



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Publication date: 24-SEP-2024. Prints or copies of Information are only valid on the printed Publication date